

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





JULY 16, 1890.

Issued Every Week.

\$1.00 a year, in advance.
Single copy 5 cents.

Farmer

AND

NEW FARM.

OUR 27TH YEAR.

When every family own their home, the prosperity of the Country is assured.

WALWORTH & CO.,
BALTIMORE, MD.

Costiveness

Becomes chronic, if the proper mode of treatment is not adopted. All harsh and drastic purgatives only tend to weaken the bowels and render cure next to impossible. The safest and most effective aperient is Ayer's Pills, the use of which restores the regular action of the bowels and strengthens the whole digestive canal.

"Having been subject, for years, to constipation, without being able to find much relief, I at last tried Ayer's Pills, and I deem it both a duty and a pleasure to testify that I have derived great benefit from their use. For over two years past I have taken one of these pills every night before retiring. I would not be without them."—G. W. Bowman, 26 East Main st., Carlisle, Pa.

"I have found in Ayer's Pills, an invaluable remedy for constipation, biliousness, and kindred disorders, peculiar to miasmatic localities. Taken in small and frequent doses, these Pills act well on the liver, aiding it in throwing off malarial poisons, and restoring the natural powers. I could not dispense with the use of Ayer's Pills."—C. F. Alston, Quitman, Texas.

"For ten years I was troubled with constipation, and, until I began to take Ayer's Pills, could find no reliable remedy. A few boxes of Ayer's Pills have entirely cured this chronic ailment."—J. G. Peckham, Osawatomie, Kansas.

"I find no remedy for constipation equal to Ayer's Pills, and I should not consider my medicine chest complete without them."—Capt. J. H. Blake, Steamer Raphael, New York city.

To cleanse and tone the stomach, use

"For years I have been subject to constipation and nervous headaches, caused by derangement of the liver. After taking various remedies, I have become convinced that Ayer's Pills are the best. They invariably restore the liver to healthy action in a very short time; and I am sure my system retains its tone longer after the use of these Pills, than with the use of any other medicine I have ever tried."—H. S. Sledge, Weimar, Texas.

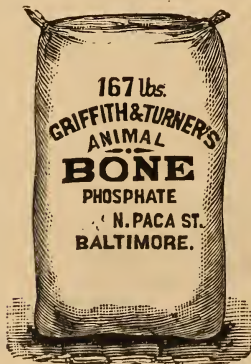
"When I feel the need of a cathartic, I take Ayer's Pills, and find them to be more effective than any other purgative medicine."—Mrs. B. C. Grubb, Burwellville, Va.

"I can recommend Ayer's Pills above all others, having long proved their value as a cathartic for myself and family."—J. T. Hess, Leithsville, Pa.

"For eight years I was afflicted with constipation, which at last became so bad that the doctors could do no more for me. Then I began to take Ayer's Pills, and soon the bowels recovered their natural and regular action, so that now I am in excellent health. To all who suffer from costiveness, I can confidently recommend Ayer's Pills."—William H. DeLaucett, Dorset, Ont.

Ayer's Pills,

Prepared by DR. J. C. AYER & CO., Lowell, Mass. Sold by all Druggists and Dealers in Medicines.



Griffith, Turner & Co.

Manufacturers of

Agricultural Implements

AND

FERTILIZERS,

AND DEALERS IN

GARDEN AND FIELD SEEDS, ETC.

STORE: Nos. 205 & 207 N. PACA STREET.

Telephone, 1555-2.

Send for a Catalogue.



Agriculture, Horticulture, Live Stock and Rural Economy,

Farmers and Planters Guide

TO THE BUSINESS HOUSES OF BALTIMORE.

— 0 — 0 —

AGRICULTURAL IMPLEMENTS.

GRIFFITH, TURNER & CO., 205 and 207 N. Paca St., Baltimore, Agricultural Implements, Garden and Field Seeds and Fertilizers.

E. WHITMAN, SONS & CO., No. 27 East Pratt Street, Baltimore. See adver.

M. J. COAN, 124 Light St., near Pratt St. formerly of 509 West Pratt St., having bought the old Sinclair seed and Implement Store, will continue that business, and is in shape to fill all orders for repairs for machines bought of R. S. Sinclair.

BOILERS, ENGINES, PUMPS, &c.

THOS. C. BASSHOR & CO., 28 Light St., Manufacturers and Dealers in Boilers, Engines, Pumps, &c. Wrought Iron Pipes, Steam Fittings, Brass Work, Steam and Water Heating.

CIVIL ENGINEER.

SIMON J. MARTENET, Surveyor and Civil Engineer, No. 208 Lexington Street. All kinds of Surveying, Mapping, Engineering of Roads, &c. Having been connected with City work, Surveying within the City is a specialty.

Publisher of Maps of Maryland.

DRUGGISTS.

PROMPT RELIEF GIVEN. Use Nelatins Rheumatic, Gout and Neuralgia Cure. The great English and French Remedy. For sale by all Druggists.

Furniture, Carpets, &c.

J. F. ROHLEDER, Furniture, Carpets, Clocks, Window Shades, Picture Frames, &c., 1034 Light Street, near Cross St. Market. Repairs done at shortest notice.

FERTILIZERS.

THE CHESAPEAKE GUANO CO., prepare and sell Chesapeake Guano, Potash, Phosphate and Dissolved Bone Phosphates, 21 P. O. Ave.

PURE FERTILIZING GOODS can be found at SLINGLUFF & CO'S, No. 300 W. Fayette Street. Manufacturers of Standard Phosphates.

FRUITS, &c.

HENRY BROS. & CO., Shipping and Commission Merchants, importers and dealers in Foreign Fruits, No. 108 East Pratt Street. Pine Apples, Banannas, Cocoanuts, Oranges, &c., &c. Put up for shipping at the shortest notice.

Lamps, Oils, &c.

JAS. B. MACNEAL & CO., 34 South Calvert Street, Manufacturers and Dealers in Burning, Machinery and Animal Oils &c.

Let us have your orders.

Job Printing of every description—good work—low prices—prompt service—at the MARYLAND FARMER Printing Office.

LUMBER.

L. A. PAGE, Lee street, near Light street wharf, dealer in Hard Wood and Building Lumber, Sash, Doors, Blinds, &c.

MARBLE WORKS.

HUGH SISSON & SONS, Importers, Dealers and Manufacturers of Monuments, Tomb Stones and Mantles, Building Work in Marble. Sales-Room No. 210 E. Baltimore Street.

PHOTOGRAPHERS.

N. H. BUSEY, Artist and Photographer, 112 N. Charles St. Mr. Busey's productions have a world wide reputation, and as he has now reduced his prices, an opportunity is afforded to secure very fine work at very low prices.

MILL FURNISHING.

B. F. STARR & CO., Corner of North and Centre Sts., Baltimore. Baltimore Mill Furnishing Works.—Manufacturers of Mill Stones, Smut Machines, Portable Mills, Pulleys, Gearing, etc. Importers and Dealers in Bolting Cloths and General Mill Furnishings.

MUSICAL.

H. R. EISENBRANDT, Musical Instruments and Strings. Pianos and Organs. Brass Band and Drum Corps Outfits. 424 E. Baltimore Street, Baltimore, Md.

NURSERIES.

FRANKLIN DAVIS & CO., Baltimore Nurseries, N. E. Cor. Baltimore and Paca streets, Fruit and Ornamental Trees, Shrubs, &c. Catalogue sent on application.

CLAIRMOUNT & FURLEY HALL NURSERIES, Baltimore Co. Wm Corse & Sons, office 200 North Calvert Street. Post Office Box 408, Baltimore, Md. Largest stock of Shade and Ornamental Trees in the State, extensive stock of all kinds of large and small fruits, vines, hedge plants, &c. 340 acres.

PATENTS.

MANN & CO., Attorneys, No. 302 East Baltimore St., cor. North, procure patents for inventions. Trade marks Registered at patent office under U. S. Law. Send for Circular.

PLUMBING.

D. G. ADELSBERGER, No. 419 North Howard St., Baltimore City, Md. Practical Mechanic, Engineer and Draughtsman, builder of Pumps, Plumbing, &c., Water Works by Natural Flow, Wind or Steam Power, and Hydraulic Rams.

SHEET MUSIC.

DEZ. WALWORTH, P. O. Box 496, Baltimore, Md. Sheet Music, Music Books, Instruction Books for all instruments, Studies, etc. If you use Music send for catalogues. We can send you anything you want 500 miles as easily as one mile. Write to us to-day.

STATIONERS.

GUGGENHEIMER, WEIL & CO., Manufacturing Stationers, Lithographers and Printers. No. 109 E. Baltimore St. Factory, cor. Liberty and Lombard Sts. Blank Book makers and Wedding Card Engravers.

SILVER PLATING.

HOLMES BROS. & CO., manufacturers of Fine Silver Plated Ware. Nickel Plating and Brass Polishing. Repairing and Re-Plating a specialty. 220 North Holliday street

TRUNKS, VALISES, &C.

JAS. B. McELROY, No. 3 Saratoga St., near Charles, Manufacturer of Trunks, Valises, Traveling Bags, Ladies Satchels, &c. Trunks made to order. Repairing and Covering a Specialty. All Work done at the Shortest Notice.

WATCHMAKERS.

C. W. BLAKE, No. 204 North Charles Street, under Masonic Temple, Baltimore, Watchmaker & Jeweler, and Dealer in Watches, Jewelry, Silver and Albata Wares. Agent for King's Spectacles and Eye Glasses. Attention given to repairing Watches, Jewelry and Plated Ware

WINDOW SASHES, &c.

GEORGE O. STEVENS, 119 Light street, Window Sashes, Blinds, Doors, Frames, Mouldings, Stair Rails, Posts, Ballusters, Brackets, &c. The best work at lowest prices. Send for Catalogue.

A SCHOLARSHIP



Eaton & Burnetts Business College.

\$60 SCHOLARSHIP FOR \$45.

For full particulars address,

THE AMATEUR WORLD,

Baltimore, Md.



Agriculture, Horticulture, Live Stock and Rural Economy,

THE OLDEST AGRICULTURAL JOURNAL IN MARYLAND, AND FOR TEN YEARS THE ONLY ONE.

AND NEW FARM.

Vol. XXVII.

BALTIMORE, July 16, 1890.

No. 29.

For the Maryland Farmer.

OUR NEW FARM, IV.

MORE SLICKING UP.

Did you ever think how much pleasure you can have in preparing things to please others? Until I began to get things on the farm in shape to please my wife and my girl, I couldn't have believed how much delight I should take in doing it. It was the first day of May, and it was Tuesday morning, when I next went down to the farm. More than a week since we had bought. I went down alone this time for I meant to put in a big day's work.

I found Charley, the colored man, and his wife hard at work. They were not yet through with white-washing. The Janneys went away on Saturday and they were now in the house at work. When I looked at the walls, I found in almost every room places which needed mending, such as spots gouged out by the chairs or bed-

steads or where the door knobs and keys had hit the wall, and now and then a larger piece beside some of the window frames. So I told Charley to make some mortar and patch these places all up and then whitewash every room in the house—to go over it with two good coats. And then I bargained with the wife to scour the floors and clean all the paint and windows, and make everything as bright as a new pin.

The barn and sheds and chicken house were a pleasant drab color as I had mixed color with the lime wash for these, but the fences were dazzling white as the sun shone on them; and the chickens were there, and Charley said he would see that they were taken care of; but Mr. Janney had sold his cow and had concluded to take his horse with him. I afterwards sent Mrs. Janney \$9.90 for her thirty three chickens—thirty cents a piece—the price agreed upon.

Charley, when he couldn't white-wash,

had dug the holes for the posts for 200ft. of picket fence, and had arranged for two gates the one where I located it, and the other about the same distance to the west of the house. He said, he thought I had forgotten to tell him about that one, and I didn't say anything.

I found he had dug twenty eight post holes, so I knew just what I had to get. While I was counting up the post holes, two of my neighbors came walking up the road. They said:

"How do you do, Mr. Green? Glad to see the old place fixed up. When do you expect to move on it?"

And I said:

"There's right smart yet to be done, before we can come down, but it won't be long that's certain."

Then I said:

"Mr. Janney told me that I could get some posts of Mr. Camden better than the green posts off from my own place, and I find I want twenty eight of them."

Mr. Camden said:

"Well, I think I can supply them if they will suit you; but they are no better than grows on your land."

So I told him:

"I don't know much about it, but will trust you to give what is good and if Charley is satisfied I will be. Send them up leaving them along by the holes and Charley will set them for me. Give them to me all about the same size."

I was to have good posts and was to pay ten cents apiece for them delivered. It turned out all right afterwards and we were all satisfied. The posts were tip top and Charley planted them little end down, which was one of his hobbies about lasting longer.

I had made arrangements to meet the painter there that morning about painting the house; but it was about twelve o'clock and no painter. Mr. Camden asked me

to go down to his house to dinner and I went. He had a nice home. His house was about like the one I was fixing up; but everything about it was neat and cosy. Mrs. Camden was a stout, pleasant-voiced woman who was always ready to welcome any one who was destined to become a neighbor, and I knew my wife and my girl would feel at home at once in her company.

Mr. Camden's family consisted of a son about 25 years old and a daughter 19, besides himself and his wife. Then there were two grand children about five and nine years, both girls. These two were the children of a widowed daughter who lived in the city. The whole family seemed gifted with good health, good spirits and a large fund of common sense.

While we were chatting after dinner, Charley's wife came down to tell me the painter had come, and I started. But I heard Mr. Camden tell his son to load up thirty of the best chestnut posts and take them up to Mr. Green's. This was two more than I had bought; but I didn't say anything.

It wasn't hard work to agree with the painter, for I thought his charges quite moderate. My wife, my daughter and myself had all decided to have the house painted a quaker drab, and I told him to do it up in short order.

He said, "All right." and then he sauntered off down towards the depot.

Then Charley said:

"We'll have the house all cleaned this week, at furthest. And Mr. Chubb, though he goes off so slow now, will have this all painted two coats by Saturday night; for he's a driver, he is—and will put enough on to do it, and if you come down, Monday, I'll help put things in the house."

I made up my mind there and then to come down next Monday, if it didn't rain.

I wanted to commence my work at once, for it was getting late, and I saw a good many things which could be done better if we were on the spot. I was doing nothing now in the city and I was hankering after the country work, so I said:

"Charley, if my wife and my daughter can get ready, and I think they can, we will be all here on Monday morning. My furniture will be down on the cars, too, and I will trust you to hire me a couple of good teams to move it up to the house. Can you have your wife here? I know she will be wanted about the house all day."

And Charley said:

"Lizzy'll be here and I'll do the best I can about the moving."

Just then Mr. Camden's son James drove up with the load of posts and they were unloaded as they passed along in front of the house. I had Charley come and see how I wanted the notch cut in the post before setting it, to receive the lower stringer; and he knew all about it as soon as I showed him how. Charley was a very intelligent darkey. He could turn his hand to almost anything. He was truly faithful as I afterward had many occasions of knowing.

Thus everything was in train for the work necessary, and I went back to the city thoroughly pleased with the prospect of soon beginning a new life, in the new home, on my new Farm.

For The Maryland Farmer.

IDLE LANDS.

It is not necessary that after one crop has been harvested the land should be allowed to lie idle the rest of the season, or be given over to weeds. The change of crop does not always necessitate new fertilization as the elements of crops vary. But it is best as a general thing when prepar-

ing the ground for the second crop to add some fertilizer to give it a good start.

Successive crops do much more good to the land in keeping it clean, than if allowed "to rest," as many are disposed to call it. But it will not rest. If you do not place something useful on it, the myriad worthless seeds will sprout and eat up the substance of the soil and scatter more seeds to pester the farmer in his future crops. Remember that nature's work goes right on and on. It gives no rest to the soil, and if left to itself the soil will gradually grow richer notwithstanding the work is so continuous.

But in the case of nature's uninterrupted work nothing is taken away, for every green thing falls back to the land. The only requirement therefore is that in our successive crops, we give more than we take away. Then the land, although not allowed to rest, will become more and more productive with each successive cropping.

The early potatoes, the early sweet corn, the peas, the early beets, the onions, the bush beans, as soon as harvested should be replaced by some crops which will mature before cold weather. Turnips and cabbages will bear the frosts and bring crops which, although late, are of great value on the farm and in market. We do not, however, advise sowing turnips broadcast, which is the general practice. It is much better to sow them in drills, for it enables us then to keep the land clean from weeds, and this is one of the chief objects for raising the continuous crops.

Let none of the soil be idle, till the freezing comes which will prevent cultivation, and stop all growth of useful or mischievous plants. Land which is not neglected can eventually be freed from weeds.

Prepare for the Fairs this Fall.

Entered as second class matter at Baltimore, Md.

THE
MARYLAND FARMER

AND
NEW FARM.

Agriculture, Live Stock and Home Life.

Oldest Agricultural Journal in Maryland and
for ten years the only one.

27 E. PRATT STREET,

BALTIMORE, MD.

WALWORTH & Co., Editors and Publishers.

TERMS OF SUBSCRIPTION

\$1.00 a year in advance.

1.50 if not paid until the end of the year.

RATES OF ADVERTISING.

\$1.00 an inch, 12 lines nonpareil, each insertion.

Discounts, 10 off for 3 mos., 15 for 6, 20 for 9, 25 for 12
Advertisements to be inserted once a month
are subject to the same discount.

Covers, p. 2 add 30, 3 add 25, 4 add 50.

Special location, on any page, 20 per cent extra.

No reading notices free.

Reading notices twice the price of advertisements.

ISSUED EVERY WEEK.

PREPARE FOR THE FAIRS.

Now is the time to make your preparations for the coming Agricultural fairs. Even if we are not perfectly satisfied with every little thing connected with them, where no great principles are involved these small matters should be overlooked and we should resolve to make our Fairs as useful and as enjoyable as possible.

Pick out now the particular individuals of your stock which should be carried to the Fair. As soon as the premium lists are issued get one from the Secretary of the Fair you propose to attend and arrange your exhibits in whatever class you propose to enter. Begin now the special cultivation for that class, and see what you

can do. Be on hand and take an interest to have everything the best possible.

We wish to speak in behalf of the Baltimore County Fair. The managers made a mistake in the outset; but they have resolved to retrieve that mistake by having one of the best Agricultural Fairs ever held at Timonium. Let every farmer in Baltimore County, let every dealer in agricultural implements, let every man, woman and child who is interested in the household and the home, help them to gather at Timonium an exhibit which will call thousands of interested visitors to the Fair next September. Make it a great success.

STOCK.

The heats of summer tell on Stock, uncared for, almost as fearfully as the cold storms of Winter. In every pasture where stock run, ample provision should be made for water and for shade. The attacks of insects should be provided against by bushes of which the stock will gladly make use whenever harrassed by flies. To place stock in a field rich in food, if without shade, or bush, or water, is a cruelty. Even if once or twice driven to water during the day, it is but a slight relief, a small mitigation of the cruelty. The fierce and continued heat of the sun and the swarms of annoying flies make life a burden from which there is no escape. Be kind to your stock because it is honorable to your manhood and a blessing for all concerned.

For The Maryland Farmer.

BEEES.

The Bee Industry has become now as much a scientific pursuit as any other branch of agriculture. It only requires a

general study of the subject, and a short visit to some practical beekeeper, to place the farmer in the position where he can successfully gather the ocean of honey which surrounds his home. Let him visit his nearest neighbor who keeps bees in modern style, with modern hives and is posted in the modern handling of hives and colonies, and by personal examination, under the guidance of the owner, he can soon learn all that is necessary for a commencement. Bee Keepers, as a rule, are generous in imparting their knowledge to those who wish to inform themselves. They have no secrets. It is their delight to help each other in all difficult or doubtful situations. The bee publications are noted for keeping nothing in the dark, and anyone who refuses to impart any items of experience which will help others, is not regarded with favor. The *American Bee Keeper*, of Chicago, Ill., *Gleanings in Bee Culture*, of Medina, Ohio, are happy specimens of the perfect freedom in giving the smallest details of the pursuit which will conduce to the largest success. The other bee publications from New England to California, seem to be actuated by the same spirit—to reveal fully the blessed science of successful bee keeping, that the entire country may come to enjoy the delicious store of sweets, now awaiting them in grass, and flower, and shrub, and tree.

A THREE MONTH'S TRIP.

The Maryland Farmer and New Farm, never afraid to speak its convictions on any subject—fully alive to the impositions practiced upon farmers—showing the extravagant taxation to the amount of hundreds of millions they are forced to pay other classes—using plain language wherever it is needed and no matter whom it hits—offers a THREE MONTHS TRIP, as a

trial trip, FOR 25 CENTS. For this small sum you get 13 numbers, and at the end the magazine will be stopped unless you wish it renewed. Send in your 25 cts in one cent or two cent stamps, or in silver. If convenient to get three others to join you in the trip, you can then send a dollar bill, or postal note. Address,

Maryland Farmer, Balto., Md.

THE AMERICAN FARMERS' ENCAMPMENT OF 1890.

MOUNT GRETN A PARK,
LEBANON COUNTY, PA.

AUGUST 17 TO 23, Inclusive.

5,000 Acres of Woodland, Meadow and Lake.

Canvas tent accommodations for 12,000 farmers and their families. Pavillion for discussions, and Auditorium for amusements.

85,000 square feet of platform for exhibits and acres for machinery in motion.

In the park is the celebrated Mount Gretna Narrow Gauge Railroad, the most unique and wonderful railroad in actual operation in the world. To see it alone is worth a visit.

Opening sermon, August 17th, by Rev. T. DeWitt Talmage, D. D. Sacred music by 150 trained choristers.

Agriculturists from all parts of America invited.

Ample railroad facilities; low rates; quick transit. No charge for admission.

For particulars, address Executive Committee American Farmers' Encampment, Harrisburg, Penna.

BOOKS, CATALOGUES, &c.

Prize Essay, of American Public Health Association, by Mrs. M. H. Abel, 190 pages. Irving A. Watson, Sec'y., Concord, N. H. This consists in good part of

the discussion of the Food question as adapted to families of small means.

The Delineator with its wealth of styles and patterns for the coming month has arrived.

Kathleen Douglas, a novel by Julia Truitt Bishop. pp 532; Street & Smith, N. Y., price 50c, paper. An intensely interesting story with a sustained interest and with a pleasant ending.

Animal Parasites of Sheep, with abundant plates, from the Agricultural Dept. of U. S.

The July number of *The National Magazine*, of Chicago will open with an article entitled "Harvard University and reform," by Chancellor Harkins of the National University of Chicago, in which the wisdom of President Eliot's radical recommendations is forcibly maintained. Other timely articles are:—"Plan Proposed for a Polytechnic Institute," "Biblical Literature," by Rev. J. C. Quinn, LL. D., "College Courses for Non Residents," "Union College Examinations" and "Honorary Degrees." Young men will be interested in the article on the "Chicago Trade Schools." Particulars of the recent gift of twenty-five acres of land near Chicago, worth \$25,000, to the National University and of its proposed new building thereon are also given in this number. Published at No. 147 Throop Street, Chicago, Ill, Sample copy, 10 cents.

Bulletin 9, Experiment Station Illinois. Shows that the comparative feeding of corn fodder and ensilage is slightly in favor of ensilage as to flesh producing.

Insect Life from the Dept. of Agriculture is received. Nos. 11 and 12 under one cover. We would be pleased to see some other department treated in like manner.

CALIFORNIA FRUIT GROWER.

With July 5 the California Fruit grower commenced its seventh volume. It contains a large amount of the most interesting information in regard to the country and crops and opens up to the eastern mind a new and entertaining realm. Handsomely printed on excellent paper it gives full return for \$3.00 per annum when sent to it, San Francisco, Cal.

MARYLAND FAIRS.

When held, and address of Secretary.

Baltimore Co., Timonium,	Sept. 2—5
H. C. Longnecker, Sec'y, Towson, Md.	
Cecil Co., Elkton,	Oct. 7—10.
John Partridge, Sec'y., Elkton, Md.	
Frederick Co., Frederick,	Oct. 14—17.
Geo. W. Cramer, Sec'y., Frederick, Md.	
Montgomery County	Sept. 3—5.
John E. Manchester, Sec'y. Norbeck, Md.	
Washington Co. Hagerstown,	Oct. 14—17.
P. A. Witmer, Sec'y., Hagerstown, Md.	
Maryland State } combined with } Harford Co. }	Bel Air, Sep. 30—Oct. 3.
James W. McNabb, Sec'y., Bel Air Md.	

Williams' Grove, Pa.,	Aug. 25—31.
R. H. Thomas, General Manager, Mechanicsburg, Pa.	

Farmers' Encampment, } Mt. Gretna Park, Pa. }	Aug. 17—23.
Address—Ex. Com., Harrisburg, Pa.	



This Threshing-machine received the two last Gold Medals given by the New York State Agricultural Society; and has been selected, over all others, and illustrated and described in that great work, "Appleton's Encyclopedia of Applied Mechanics;" thus, establishing it as the standard machine of America. **Straw-preserving Rye-Threshers, Clover-hullers, Ensilage-cutters, Feed-mills, Fanning-mills, and Wood Saw-machines;** all of the best in market. The **Fearless Horse-powers** are the most economical and best Powers built for the running of Ensilage cutters, Cotton gins, and general farm and plantation use. For free Catalogues, address
MINARD HARDER, Cobleskill, N. Y.

RAIN AND RAT PROOF COOP.

A Coop for Hen and Chickens Which Combines the Requisites for Successfully Rearing the Birds and Which Is Rain and Rat Proof.

In the annexed cuts is represented a coop for hen and chickens, recommended by H. H. Stoddard in his manual on poultry architecture, as being vermin proof when shut up, and this too without impeding ventilation.

Most hen coops are entirely inadmissible for outdoor chicken rearing, for two reasons. One, that the wet drives into the front of the coop; the other, that in heavy rain the wet runs in underneath the sides. In this coop both these disadvantages are avoided, as the roof projects over the open front, and effectually keeps out all the rain, while a wooden tray is made to fit inside (which should be always kept filled with sand or dry earth), which entirely keeps the little chickens out of the wet. The top part of the front is made of wire work with small meshes to keep out rats, while admitting air.

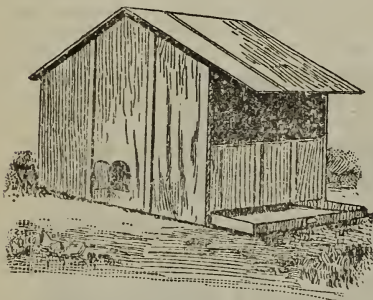


FIG. 1.—A COOP FOR HEN AND CHICKENS.

The door at the end of the coop for the exit of the chickens is to be closed at night, of course.

As in sliding the earth covered tray to its position in the coop, the chickens naturally retreat to the rear of the coop, so to get as far as possible from the attendant, they are in danger of being caught by the feet and injured. Whenever a sliding tray is used, it is a good plan to have an opening made at the rear of the coop where the chickens can escape. Fig. 2 shows a door eight inches wide, running the whole length of the

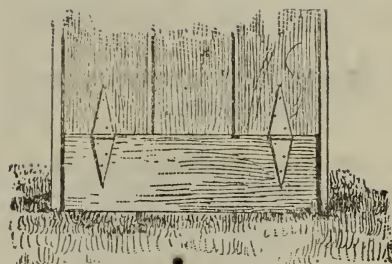


FIG. 2.—REAR DOOR TO COOP.

coop, and hinged so as to open upwards. When the tray has been replenished with fresh earth and is about to be returned to its place, open this door so that the chickens may escape, and not huddle together at the rear of the coop. The doorway is defended by slats, against the passage of the hen, the space between them being of sufficient width to allow the exit of chickens.

Miseries of Exclusiveness.

Miss Downton—Where are you going this summer?

Miss Upton—To Frogtown, New Jersey.

"Mercy! That's a horrid place; nothing but swamps and mosquitoes."

"I know it; but all the pretty resorts are filled up nowadays by the common herd, you know."—New York Weekly.

A New York Girl Going to Siberia.

Miss Anne Brewster, a society girl of New York, who came out to visit her brother-in-law, Secretary Reamy, has gone on a pleasure trip to Siberia, going from Nagasaki to Vladivostock. It is the first case known of a young American lady going to the Siberian frontier except for missionary work.—Tokio (Japan) Letter.

All Accounted For.

Miss Clara—Are there any other New Yorkers here, Mr. Dudeleigh?

Dudeleigh (languidly)—Naw, me deah Miss Clawah. The othah three hundred and ninety-nine are scattered about elsewhere.—Pittsburg Bulletin.

Too Bad.

"Did you propose to Henrietta?"

"Yes."

"Engaged?"

"No. I was for the League, but she preferred the Brotherhood."—Life.

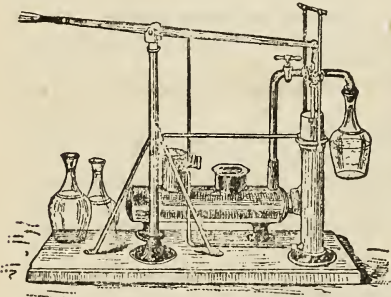
School advertisements in the Maryland Farmer will reach a very desirable class of patrons.

SCIENCE AND PROGRESS.

SCIENTIFIC RECREATION AND RECENT INVENTIONS.

An Instructive Experiment by Which Water Is Frozen in Vacuum—How It Is Done—A Picture of the Apparatus Which Is Used.

An experiment is often performed by which water is frozen in a vacuum. By putting a saucer full of water under the receiver of an air pump it will first boil and then become a solid mass of ice. It is not difficult to understand the cause of this. The water boils as soon as the air is removed, but in order to pass from the liquid to the gaseous state without the assistance of exterior heat it gives out heat to the surroundings, and in so doing becomes ice itself. This fact Mr. Carre made use of in the apparatus shown in the cut. A small pump creates a vacuum in the water bottles and ice is formed in them.



APPARATUS FOR FREEZING WATER IN BOTTLES.

The mode of proceeding is as follows: The bottle full of water is joined to the air pump by a tube, and after a few strokes the water is seen in ebullition. The vapor thus disengaged traverses an intermediate reservoir, filled with sulphuric acid, which absorbs it, and immediately condenses it, producing intense cold. In the center of the liquid remaining in the bottle some needles of ice will be seen, which grow rapidly, and after a few more strokes of the pump the water will be transformed into a mass of ice. This is very easy of accomplishment, and in less than a minute the water in the bottle will be frozen.

Interesting Facts on Lightning Strokes.

Herr Kastner has carried on for a period of twenty-six years a careful record of observations on lightning strokes in central Germany, from which it appears that last year the number of cases was 1,145, an increase of 129 per cent. The starting point

of all thunder storm paths he finds to be in hills, and in their course the woodless districts and flat country, the river valleys and low meadow ground about lakes seem specially liable, while the wooded and hilly parts generally escape. The hottest months (June and especially July) and the hottest hours of the day, or those immediately following them (3 to 4 p. m.), show the most lightning strokes.

Recent Invention in Photography.

Since the introduction of the rapid dry plates which have made instantaneous photography a possibility many attempts have been made to fix the successive positions taken by men and animals in their natural movements, and with much success. The results obtained have been remarkable, the attitudes caught by the sensitive plate being so extraordinary and apparently unnatural that, without the evidence afforded by the photographs, one would have been justified in saying that they were entirely the result of the artist's imagination.

Heretofore the best of these photographs have been secured by placing a number of cameras side by side, so arranged that the exposure was made by the man, the horse or other animal itself as it moved past them. M. Marey, of France, has recently invented an apparatus by which, with a single camera, as many as fifty successive exposures of a moving object may be taken in a single second. Instead of glass plates he uses a sensitive film which is rolled from one cylinder to another, stopping in the focus of the objective just long enough to receive the image, and then passing on



SUCCESSIVE EXPOSURES WITH A SINGLE CAMERA.

Sewing Machine from New Home Manufactory at very low figures—Address Maryland Farmer.

to give place to the next one. The particulars of the mechanism are not given in Nature, from which the illustration is a reprint, but the results as shown by it are very fine and indicate a remarkable amount of mechanical skill and ingenuity.

Popular Science News explains that the figures represent the positions taken by a horse and rider as they moved past the camera, commencing at the upper right hand corner and following each line from right to left, in a reverse direction to the lines of a printed page. If M. Marey's apparatus proves to be as practicable as is claimed it will undoubtedly be of great value and importance to both science and art.

Inefficiency of Sand Filters.

Drs. Frankel and Piefke, of Berlin, have recently made an exhaustive study on the filtration of drinking water through sand. Their experiments conclusively prove, says Medical News, that the danger of infection from impure water is only slightly reduced by filtration through sand, bacteria passing through at all times, but in larger numbers just after the filter has been cleaned and again after it has been in use for some time.

Tempering Small Steel Parts.

A correspondent in Horological Review says: I temper pinions and other small steel parts in the following simple manner. I take a thin piece of copper, say from an old dial, scrape soap upon it, bend it together and lay the article between; I then bend the sheet firmly together, make it red hot upon a coal and afterward anneal it in oil. Not even the most delicate object will warp in this manner.

Imperial Address Cards.

It is interesting to note that the address cards of the emperor of Germany are distinguished only by their great simplicity. Unlike those of the German nobility, which are generally adorned with crests and crowns, they are without any ornament except, in plain Gothic letters, his name, "Wilhelm, German Emperor and King of Prussia." The first Wilhelm omitted the "and" between the two titles.

One Thing and Another.

Wedding invitations do not require notes of acceptance or regret; persons who cannot be present merely send their visiting cards, to arrive on the day of the ceremony.

A lady may properly keep her hat on at meals at a public table if she prefers.

Never sign an informal note with "Miss" or "Mrs." prefixed to the name.

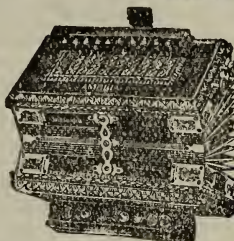
Never urge a guest to do this or that when it can be plainly seen that his or her inclinations are in another direction.

Send us the Names and Post Office address of all your friends so we can send them sample copies.

JOHN F. STRATTON & SON,
43 & 45 Walker St. **NEW YORK,**



Patent [June 7, '87]
SUBLINE HARMONIE



Solo,
Duet Accordeon,
SILVER REED.



Importers of and Wholesale Dealers in all kinds of
MUSICAL MERCHANDISE,
VIOLINS, GUITARS, BANJOS, MANDOLINES,
Accordeons, Harmonicas, &c.
All kinds of STRINGS, etc., etc.

Bounding Billows ON THE SEA,

or the pure Mountain Breezes will soon invite your presence. Make your leisure twice the pleasure, by taking along our entertaining Music.

(If you have no Guitar, Mandolin, Banjo, Flute, or Violin, call or send for lists of fine instruments at our branch store, J.C. HAYNES & Co., 33 Court Street, Boston.)

OPERATIC PIANO COLLECTION. The best of the music of 19 Operas. Price \$1. Arr. for Piano.

YOUNG PLAYERS POPULAR COLLECTION. 51 very easy and very good pieces. Price \$1.00.

SABBATH-DAY MUSIC. For Piano. 38 beautiful Melodies, finely arranged. Price \$1.

Vol. 2 of Miss Eleanor W. Everest's ALBUM OF SONGS. 12 first-class Songs by the best authors. Price \$1.

COLLEGE SONGS. New, enlarged edition. 82 Jolly Songs. 200,000 sold. Price 50 cents.

OLD FAMILIAR DANCES. For the Piano. 100 of them. Easy, and as merry as they can be. 50c.

FOR MUSIC FESTIVALS.

THE ATLAS. By Carl Zerrahn. 29 splendid Choruses. Sacred and Secular. Most of them new. \$1.

Any Book Mailed for Retail Price.

OLIVER DITSON COMPANY, Boston.

C. H. DITSON & Co., New York.

I Dare Thee to Forget. The most popular Song published.

Words and Music. Price 35 cents. Send 10c for one copy. DeZ. Walworth, Box 496, Baltimore, Md.

PHYSIOLOGY AND HYGIENE.

Insomnia and Dyspepsia—The Two Are Closely Connected—Some Suggestions.

Most students and women who are troubled with insomnia are dyspeptic, if a statement in The Journal of the American Medical Association is accurate, and they should, therefore, eat before going to bed, having put aside work entirely at least an hour before. If they are not hungry they should simply be instructed to eat, and if they are hungry they should eat whatever they want. A glass of milk and a biscuit is sometimes all that can be taken at first, or mashed potato buttered. If possible the night meal should be taken in another room than the sleeping apartment, and for men in the city it will be found advantageous to go out to a restaurant. Before eating, however, a bath should be taken perfectly cold or cool, which should be given with a sponge or stiff brush, and the body thoroughly rubbed off with a coarse towel afterward. The bath need not be more than five minutes in duration.

Further than this, the patient should go to bed at the same hour every night, and arise at the same hour every morning. There is a popular superstition that grown people should not eat immediately before going to sleep; that it will give them indigestion or nightmare, or both. The writer cannot see why adults should be so very different in this respect from babies. The average person should be in bed seven or eight hours, which is time enough for the digestion of almost anything edible. In our American life, he thinks, the digestion carried on through sleep probably has the better chance for thoroughness.


Pulmonary Tuberculosis.

Science tells that at the recent congress of the German Society for Surgery Professor Tillmanns exhibited a man of about 30 years, from whom he had removed a tubercular deposit involving a portion of the left lung, pleura and thorax. After the operation the lung contracted in such a manner that by a second operation the remaining tubercular area was completely removed. The wound was covered with cutaneous flaps and healed completely, and the patient is now able to work. As the operation was performed about two years ago the cure may be regarded as permanent. Tillmanns thinks that the surgical treatment of pulmonary tuberculosis is proper if the disease is localized, but that in most cases two operations will be required, the first to expose the affected part, in order to bring about atrophy and contraction, the second to remove the disease.

At This Office. 50 Cents. Ropp's Calculator—Grain Tables, Lumber Tables, and all kinds of calculations.

DEREDICK'S BALING PRESSES
Of all sizes and styles always on hand.

They are superior to all others in power, capacity and durability, for proof order on trial.



They are light, strong, cheap and durable. We make a full line of steel case presses.

Address for circulars and location of agents, **P. K. DEDERICK & CO.**,
22 Dederick's Works, ALBANY, N. Y.

Daisy Garden Plow }
Daisy Cultivator } are now at our office.
Daisy Seed Sower }

We give them as premiums for subscribers.

OUR WEDDING PRESENT

of a free copy of THE BRATTLEBORO
HOUSEHOLD for one year

TO EVERY BRIDE

has proved a very acceptable gift in many thousands of homes during the past few years, and we will continue the offer for 1890. This offer amounts practically to a year's subscription to **THE HOUSEHOLD** to every newly married couple in the United States and Canada, the only conditions being that the parties (or their friends) apply for the present within one year from the date of their marriage—enclosing ten cents for postage, and such evidence as will amount to a reasonable proof that they are entitled to the magazine under this offer.

Be Sure and Observe These Conditions

fully, and don't forget either the postage or the proof. Nearly every bride can send a copy of some newspaper giving notice of her marriage, or the notice itself clipped in such a way as to show the date of the paper, or a statement from the clergyman or justice who performed the ceremony, or from the town clerk or postmaster acquainted with the facts, or some other reasonable evidence. But do not send us "names of parents" or other witnesses who are strangers to us, nor "refer" us to anybody—we have no time to hunt up the evidence—the party making the application must do that. Marriage certificates, or other evidence, will be returned to the senders, if desired, and additional postage is enclosed for the purpose.

The HOUSEHOLD

is twenty-three years old, and a Monthly Magazine of Twenty-three Pages, devoted to the interests of the **American Housewife**. The Subscription price is \$1.10 per year. The above offer refers to brides only. You will find that the Magazine is just what you want. Address,

Household, Brattleboro, Vt.

A LAND LEVELING FLOAT.

Popular Gardening Tells of Its Value and How to Make It.

The simple home made contrivance shown in the annexed cut has been found of valuable assistance in evening up the surface of the soil preparatory to seeding down lawns. Its value is also decidedly apparent in smoothing down the slight inequalities to be found in every piece of plowed land.



LAND LEVELING FLOAT AT WORK.

It consists of two 3x4 inch hemlock scantlings 8 feet long, set the broadest way up and down, about three and a half feet apart, with four boards a foot wide nailed from one to the other, as shown in the figure. Drawn by a team of horses and weighted somewhat this float has a wonderful effect in evening up the surface by passing over the plat. To level inequalities in plowed land the driver steps on the float when a hump is reached. In this case the scantling takes off and draws along a lot of the soil, and by passing to a depression near by, by stepping off the soil is released. Of course if there are larger humps or depressions the shovel scraper is the tool first required.

Frames and Hives.

At a recent meeting of a beekeepers' association at Springfield, Ills., after a long discussion regarding the kind of hives used and the size of frames and hives, it was ascertained that the majority of members present favored the Langstroth size of frame and ten frame hives. Among hives in use among the members were mentioned the Simplicity, Improved Langstroth Simplicity and the old style Heddon. For comb honey the old fashioned box is superseded by the one pound section. The hive used should be one in which the sections can be handled with greatest ease and convenience.

The Maryland Farmer Purchasing Agency has experts in every department of purchasing—send to them.

Good Books For All!

The following books, each one of which contains a complete first-class novel or other work by a well known and popular author, are published in neat pamphlet form, printed from good readable type on good paper, and many of them handsomely illustrated. They comprise some of the finest works ever written by some of the greatest and most popular writers, both of America and Europe, and place the best literature of the day within the reach of the masses of the people. Please look the list carefully over, and see if you do not find therein many that you desire to possess. Each one is complete in itself:

- No. 166. **Wonders of the World, Natural and Other.** Contains descriptions and illustrations of the most wonderful works of nature and of man. Very interesting and instructive.
- No. 167. **Wonders of the Sea.** A description of the many wonderful and beautiful things found at the bottom of the ocean, with profuse illustrations.
- No. 159. **"A Pleasure Exertion," and Other Sketches.** By "JOSIAH ALLEN'S WIFE." A collection of irresistibly funny sketches by the most popular humorous writer of the day.
- No. 160. **The Aunt Keziah Papers,** by CLARA AUGUSTA, author of "The Ingg Documents." A most ridiculously funny book—quite as laughable and in every way equal to "Widow Bedott."
- No. 164. **Christmas Stories,** by CHARLES DICKENS. Contains a number of the most charming Christmas stories ever written by the greatest writer of fiction who ever lived. Each one is complete.
- No. 158. **Round the Evening Lump.** A book of stories, pictures, puzzles and games, for the little folks at home.
- No. 163. **Popular Recitations and Dialogues,** humorous, dramatic and pathetic, including all the latest, best and most popular.
- No. 162. **The Self-made Men of Modern Times.** Contains portraits and biographies of famous self-made Americans, from the time of Franklin to the present.
- No. 165. **Familiar Quotations.** Containing the origin and authority of many phrases frequently met in reading and conversation. A valuable work of reference.
- No. 161. **Low Life in New York.** A series of vivid pen pictures showing the dark side of life in the great city. *Illustr.*
- No. 157. **The Road to Wealth.** Not an advertising circular, but a thoroughly practical work, pointing out a way by which all may make money, easily, rapidly and honestly.
- No. 130. **One Hundred Popular Songs,** sentimental, pathetic and comic, including most of the favorites, new and old.
- No. 147. **Str Noel's Heir.** A Novel. By Mrs. MAY AONES FLEMING.
- No. 148. **A Bartered Life.** A Novel. By MARION HARLAND.
- No. 138. **An Old Man's Sacrifice.** A Novel. By Mrs. ANN S. STEPHENS.
- No. 151. **The Forecunt Rubles.** A Novel. By M. T. CALDER.
- No. 133. **The Old Oak Chest.** A Novel. By SYLVANUS COBB, Jr.
- No. 134. **The Pearl of the Ocean.** A Novel. By CLARA AUGUSTA.
- No. 149. **Hollow Ash Hall.** A Novel. By MARGARET BLOUNT. *Illustrated.*
- No. 128. **Cliffe House.** A Novel. By ETNA W. PIERCE.
- No. 137. **Under the Lilacs.** A Novel. By the author of "Dora Thorne."
- No. 129. **The Diamond Bracelet.** A Novel. By Mrs. HENRY WOOD. *Illustrated.*
- No. 140. **The Lawyer's Secret.** A Novel. By Miss M. E. BRADDOCK.
- No. 139. **The Strange Case of Dr. Jekyll and Mr. Hyde.** A Novel. By R. L. STEVENSON.
- No. 135. **A Wicked Girl.** A Novel. By MARY CECIL HAY.
- No. 144. **Lady Valworth's Diamonds.** A Novel. By "THE DUCHESS."
- No. 141. **Between Two Sins.** A Novel. By the author of "Dora Thorne." *Illustrated.*
- No. 145. **The Nine of Hearts.** A Novel. By B. L. PARKER.
- No. 146. **Doris's Fortune.** A Novel. By FLORENCE WARDEN.
- No. 136. **A Low Marriage.** A Novel. By Miss MULLOCK. *Illustrated.*
- No. 156. **The Gully River.** A Novel. By WILKIE COLLINS.
- No. 152. **The Poison of Asps.** A Novel. By FLORENCE MARRIAT.
- No. 153. **Mont Grange.** A Novel. By Mrs. HENRY WOOD.
- No. 151. **Forging the Petticoat.** A Novel. By Mrs. ALEXANDER.
- No. 150. **A Playwright's Daughter.** A Novel. By Mrs. ANNIE EDWARDS. *Illustrated.*
- No. 143. **Fair but False.** A Novel. By the author of "Dora Thorne." *Illustrated.*
- No. 154. **Lancaster's Cabin.** A Novel. By Mrs. M. V. VICTOR. *Illustrated.*
- No. 155. **Florence Irvington's Oath.** A Novel. By Mrs. MARY A. DENISON. *Illustrated.*
- No. 142. **The Woman Hater.** A Novel. By Dr. J. H. ROBINSON. *Illustrated.*
- No. 132. **The Californian Cabin.** A Novel. By M. T. CALDER.

OUR GREAT OFFER! We will send any four of the above named books by mail, post-paid, upon receipt of 12 cents; any ten for 25 cents; any twenty for 50 cents; the entire list (40 books) for \$1.00. Satisfaction guaranteed or money refunded. Please order by the numbers.

The Maryland Farmer.

YOUNG FOLKS' COLUMN.

AMUSING AND INSTRUCTIVE READING FOR GIRLS AND BOYS.

A School for Dogs in Germany Where the Animals Are Trained to Be of Value in the Military Service—Their Great Intelligence.

The great value of well trained dogs in the military service has of late years been so entirely proved that various war offices not only recognize but encourage their training. The Germans were the first to begin a regular organized plan of dog training, and a few years ago they established the first school for dogs at Gosler. The pupils there turned out so well that many other garrisons followed suit, and the whole dog service was placed under the supervision of the general commanding the army corps. In the following year Gen. Von der Goltz, after inspecting the trained dogs, reported in the highest terms on the unerring fidelity with which they worked and delivered dispatches in the face of any obstacle which could be laid in their way.



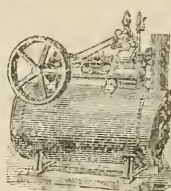
MILITARY DOGS.

The intelligence of dogs is everywhere conceded. In France, Belgium and elsewhere puppies are taught to watch goods and protect them from burglars and smugglers. These trained animals are known as excise dogs, and become wonderfully expert in tracing the law breakers, human or canine.

The Story of Two Foxes.

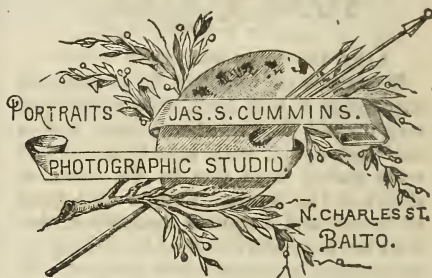
There is an old story of two foxes who were so lovingly attached to each other

We mail Fanny Field's Poultry Book for 25 cents. Address, Maryland Farmer. Send for it.



FARM ENGINES

Upright and Horizontal.
Simple, Effective, Durable.
Write us before buying
For free Pamphlet address
THE JAMES LEFFEL & CO.
SPRINGFIELD, OHIO,
or 110 Liberty St., New York.



Number 106

Photographic Supplies.

Fine Work a Specialty.

Send for Our Catalogue.

We are now selling over 1700 different vocal and instrumental pieces of Sheet Music at 10 cents a copy.

DEZ. WALWORTH, Baltimore, Md.

THE WORLD OF RIDDLES

The first 12 numbers of these popular and fun making books are now ready and will be given as a premium to our paper. The 12 books and our paper 1 year all for 15c.

The Amateur World, Baltimore, Md.

that they could not quarrel. One day, however, they decided that life would be less monotonous if they could only have a difference, so they resolved to dispute about a piece of meat.

"I want that," cried one.

"Very well, dear fox," said the other, meekly, "take it."

"Oh, no, dear fox," said the first one, penitently. "I wouldn't take it away from you for worlds."

Thereupon they concluded that quarreling was an impossibility and resolved never to attempt it again.

Dick and Dora are twins and quite inseparable companions. One day, however, a little cloud arose and blackened upon their horizon.

"What's the matter?" called Dick, finding Dora sulking in a corner.

"Nothing!" was the dignified answer.

"Oh, come now, I know there is. Was it because I was playing with Tom Rogers?"

"No, it wasn't that," owned Dora, her eyes filling with angry tears; "but you needn't have told me not to touch your things."

"I didn't mean it that way," protested honest Dick. "Truly I didn't. I just meant, 'Don't joggle till I get that knot tied.'"

"In future," began Dora, with the air of a queen determined not to be pacified, "if you want me to play with you"—here she paused, and a roguish light rippled over her face—"you just mention it, and I'll be there!" And the quarrel of the two little foxes was adjourned.

Luck and Labor.

Luck, weakly wishing, idly lingers
For favoring fortune yet to smile;
Labor, at work with busy fingers,
Depends upon himself the while.

Luck lies abed in dreams to number
The coins of future riches vast!
Labor, arising from his slumber,
Earns pence that grow to pounds at last.

Luck ever sighs and says in sadness,
"Why does my ship come never in?"
Labor, all lightsome, sings in gladness,
"I'm sure success in time to win!"

Luck comes to poverty and sorrow,
To vain regret and lasting shame;
Labor has ne'er to beg or borrow,
And gains at length each cherished aim.
—Golden Days.

John Goes Marketing.

Teacher (to class in arithmetic)—John goes marketing. He buys two and a quarter pounds of sugar at eleven cents a pound, two dozen eggs at sixteen cents a dozen, and a gallon and a half of milk at twenty cents a gallon. What does it all make?

Smallest boy (tugging himself ecstatically)—Custard.

If you or your friends use Sheet Music look for our special offer to subscribers.

GARDEN AND ORCHARD.

We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send you one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

Thos. Meehan & Son, Oaks, Rare Ornamentals, Germantown, Pa.

D. H. Patty, Nurseries. Geneva, N. Y. Agents Wanted.

A. W. Livingston's Sons, Specialty, New Tomatoes, Columbus, O.

West Jersey Nursery Co. Choicest New & Standard Fruits. Bridgeton, N. J.

H. S. Anderson, Importer; visits Europe annually to inspect packing &c. Union Sp'gs, N. Y.

Wm. Parry, Nursery Stock; Small Fruits. Grapes, etc. Parry, N. J.

Z. DeForest Ely & Co. The Popular Seedsmen. Philadelphia, Pa.

P. J. Berckmans, Trees, plants, etc., adapted to the South. Augusta, Ga.

W. M. Peter's Sons, Peach Trees a Specialty. Wesley, Md.

E. B. Richardson & Co. Nurserymen. Salesmen wanted. Geneva, N. Y.

Seed Potatoes, Standard old, choice new varieties. A. F. Whitright, Nova, O.

LIGHTNING RODS

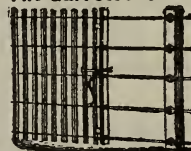
Of all Kinds

ERECTED & REPAIRED.

Fixtures, Ornaments, &c., &c., For Sale.

DAVID M. SADLER & Co,
118 St. Paul St.

The Garrett Picket & Wire Fence Machine



Weaves to the posts. Best in the world. Thousands in use. Guaranteed. Freight paid. Agents are reporting big sales. Machines, Wire, etc., at wholesale direct to Farmers where I have no agent. Catalogue free. Address the manufacturer,

S. H. GARRETT, MANSFIELD, OHIO.

MUSIC TEACHERS, send your name and Post Office address to
Dez. Walworth, P. O. Box 496, Baltimore, Md.

Proper Use of the Word Taste.

Discriminate in the use of taste. When taste is used transitively it should not be followed by of. Don't say, "taste of the meat," "taste of the preserves;" omit of. The same rule applies to smell. The intransitive verbs taste and smell are often followed by of, as, "the bread tastes of fish;" it "smells of creosote."

An Unanswered Conundrum.**GIRLS DO IT—ONE AND ALL.**

Can you tell me why it is that every little maid Should be so very, very fond of masquerade? Why she likes to wear her mother's bonnet and her shawl?

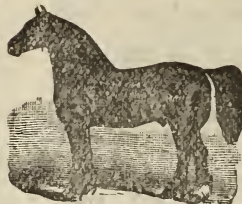
For I have noticed that they do it—one and all!

William Falconer tells of a new chrysanthemum, soon to be introduced, of the style of the celebrated Mrs. Alpheus Hardy, except that it is pink instead of white. It comes from Japan, and is in the hands of Peter Henderson.

C. C. Lindley, of North Carolina, says: Charcoal or the dust of same is the very best thing known in this country for keeping sweet potatoes packed in it for winter. Dry, clayey dirt, or very dry sand, is also successfully used. Wheat chaff sometimes does well. Sun and cure the potatoes well after digging and don't pack over two feet thick, then keep as near 69 or 65 degs. temperature as you can.

Orange County Farmer says: Dampness will not injure winter apples in the least. In fact, they keep better in a cellar where the bottom is moist earth or stone than in the cellars which are perfectly dry.

We get specially low prices on Sheet Music for our subscribers. If you use any Music, write to us.

"SHADELAND," THE MOST EXTENSIVE**Pure Bred Live Stock Establishment****IN THE WORLD.**

New Importations constantly arriving.

Rare Individual Excellence and Choicest Breeding.

Breeders and Importers of

Clydesdales,	Standard Bred Trotters,
Percherons,	Carriage Horses,
French Drafts,	Saddle Horses,
English Shire,	Welsh Ponies,
Belgian Drafts,	Iceland Ponies,
Suffolks,	Shetland Ponies,
French Coachers,	Holstein-Friesian
Cleveland Bays,	Cattle,
Hackneys,	Devon Cattle,
Also, Dealers in Real Estate.	

Our customers have the advantage of our many years experience in breeding and importing; Superior Qualities; Large Variety and Immense Collections; opportunity of Comparing Different Breeds; and Low Prices, because of Our unequalled Facilities, Extent of Business and Low Rates of transportation. No other Establishment in the World offers such advantages to the Purchaser. **PRICES LOW! TERMS EASY! Visitors Welcome. Correspondence Solicited. Circulars Free.**

POWELL BROS., Springboro, Crawford Co., Pa.

When writing please mention this paper.

Emmart & Quartley,

HOUSE AND CHURCH

Decorators and Painters.

Fresco designs and estimates.

No. 206 PARK AVENUE. BALTIMORE, MD.



Catalogue free.

1838. 1890.
POMONA NURSERIES.
WONDERFUL PEACH.
Lawson, Kieffer, LeConte and Idaho. Japan and NATIVE Plums. Apples, Cherries, Peaches and Nut Bearing Trees, Strawberries, Raspberries, Blackberries and Grapes in large supply. All the worthy old and promising new fruits.
WM. PARRY, Parry, N. J.

KERMESS WALTZES

Send 10 cents for a copy of this very popular set of new waltzes.

DeZ. Walworth, Baltimore, Md.

For the Young Folks of the Household.

WONDERS NEVER CEASE!

READ EVERY WORD.

To every person sending us 15 cents for a year's subscription to our paper, or to any old subscriber renewing his subscription or obtaining for us one subscription, we will send, charges prepaid, a box containing the following rare assortment of Cards, Games, &c.,

One Pack Courting Cards.

" Raffle "
 " Caution "
 " Love "
 " Curiosity "
 " YumYum "
 " Overtakers.

The Games of Chess, Checkers, Back-gammon,

Fox and Geese and Nine Men Morris.

" Game of Fortune.
 " " Forfeits
 " Telegraph Alphabet
 " Deaf and Dumb Alphabet
 " Great Animal Puzzle

The Yankee Puzzle

" Great Triple Prize Puzzle

" Star

" Age Tablet

" Album Writer's Friend

" Fortune Telling Tablet, an Oracle of Love Marriage and Destiny, as used by the Egyptian Astrologers

A Geographical Puzzle Story, (very interesting)

Guide to Money Making

50 Elegant Embroidery Designs

50 Choice Conundrums

200 Select Quotations for Auto. Albums

Facts about the Bible.

It will be evident to everybody that this is one of the most remarkable offers ever made by a responsible Publishing House. We will live up to it however, until our stock gives out and it is impossible to procure more. We advise all who read this notice not to delay but send at once and secure one of these boxes before they are gone. Address

Amateur World Pub. Co.,
Baltimore, Md.

SPECIAL OFFER!!

LITTLE ANNIE ROONEY.

PRICE 35 CTS.

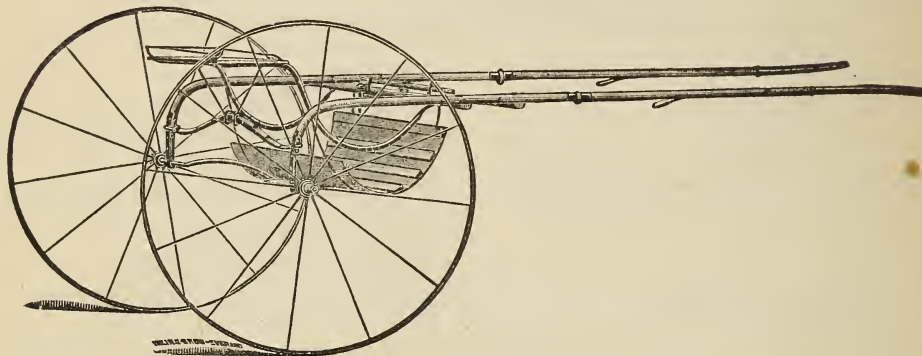
As this is the most popular Song that has been published for many years we have decided to offer it as a premium.

If you will send us 10 cents we will send you this most popular song (words and music) in Sheet Music and our popular paper 6 months. Only think! Our great paper for 6 months and this handsome 35 cent piece of Sheet Music all for 10c. You can't afford to miss this great chance. Send at once.

The Amateur World,
BALTIMORE, MD.

If you don't sing we will send the Little Annie Rooney Waltz (price 40c.) instead of the song. Send to-day.

WHITMAN'S AMERICAN ROAD CART. PRICE \$20.



We claim to be the Pioneers of the Road Cart Business in this State as we were the first house in the State to receive a car load (100) Carts, and have had more experience and sold more Carts than any house in the State of Maryland.

For 1890 we have contracted with one of the largest Manufacturers in this Country to make a Cart specially for us which we now present to the trade for the first time, having christened it

WHITMAN'S AMERICAN ROAD CART.

It is a Cart made to meet the popular demand : that is, a well made Cart at a very low price, and we say without any fear of being contradicted that it is THE BEST CART FOR THE PRICE EVER OFFERED IN THIS MARKET.

It is not only durable and well made, but also a very easy riding and neatly finished cart.

We use in their construction extra strong wheels, steel axle and tire, thoroughly seasoned selected hickory shafts, *leather trimmed*, and half-Elliptic spring hung directly under seat, and suspended at ends on swinging shackles, making the action of the spring soft and very pleasant.

The seat is suspended on "T" steel seat bars so bent that any one can enter the cart with perfect ease, and is also supported by an iron brace which is clipped to center of spring and runs diagonally to the steel bars, making a very strong support to seat, and the foot rest which is a protection for the feet, is hung a little below the "T" steel seat bars.

Special prices to the trade.

E. WHITMAN, SONS & CO.,
27 East Pratt Street,
BALTIMORE, MD.

❧ Fine Sheet Music. ❧

VOCAL.

Take good care of Mother	30.
He thinks I do not Love Him	40.
I always take de Cake, Negro	.35
Little Annie Rooney	.35
You'll kiss me at the door	.35
Down on de Camp Ground	.35
Under the Eaves	.35
Lost Chord	.40
In the Gloaming	.30
When the Lights are Low	.35
Dandy Servants	.40
Sweet be your dreams Love	.40
Bally Hooly, Character Song	.40
Sweet little Stannie Snow	.40
My little red umbrella, Song & Dance	.40

INSTRUMENTAL.

Adventurers Waltz	.60
Old Folks at Home Var.	.60
Bride of the Wind Galop	.60
Calisthenic Rondo	.30
Cally Polka	.35
Kentucky, Spinaway Polka Comique	.40
Gondolier, Waltzes	.50
Happy Hearts, Polka Quad. with calls	.60
Pirate, Schottiche	.35
Awaking of the Lion, Caprice	1.00
World's Fair Grand March	.60
Razzle Dazzle Grand Quickstep	.35
Rakocsy March	.30
Chick Polka	.35
Just a little Sunshine Waltzes	.35
Palermo Quadrilles, 4 Hands	1.00
Valse Chromatique	.60
Il Trovatore	.75
Turkish Patrol	.35
Chasse Infernale	.75
Little Annie Rooney Waltz	.40
Virginia Rockaway, A Merry Dance	.40
Bid Me Good By waltz (easy)	.25
York Dance, 4 hands.	.50
Santiago, Valse Espagnole	.60

Any piece postage free for 10 cents.
Send for our catalogue of over 1700 pieces
at the same price.

DEZ. WALWORTH,

P. O. Box 496.

Baltimore, Md.

WALTZES.

NEW. PRETTY. POPULAR.

Tendresse	Waldtenfel	.60
Little Fisher Maiden	Hale	.40
Dramatic News	Rosenfeld	.50
Bid me Good Bye	Miss Ida	.25
Vienna Children's	Strauss	.70
Tyrolienne	Raff	.80
Sweetheart	Strauss	.75
Glendale		.40
Dreams of Home		.75
La Gitana	Bucalossi	1.00
Does He Love Me?	D'Orso	.60
Chimes at Twilight	Sivrai	.80
Azalia	Beethoven	.35
Approach of Spring	Zikoff	.90
Kiss	Struss	.70
My Dearest	Bucalossi	1.00
Myosotis	Lowthian	.60
Heart and Hand	Snow	.45
Gipsy Queen	Spenser	.50
Little Fairy	Streabbog	.35
Shower of Gold	Waldteufel	1.00
Silver Lake	Snow	.35
St. Elmo	Burgmuller	.30
Phyllis	Bucalossi	1.00
Trip to Africa	Von Suppe	.40
Orange Blossom	Ludovic	.30
Pansy	Kenneds	.30
Fedora	Bucalossi	.75
Evergreen	Stoddard	.40
Fontine	Waldteufel	.80
Always or Never	Waldteufel	.60
Spanish	"	.60
Sirens	"	.75
Florie	Rosewig	.40
Mazulm	Kiralfy	.40

We send the above Waltzes free of postage
for 10 cents each. This is fine Sheet Music
sold at the regular prices in Music Stores.

La Gitana Waltzes.

Price 60 cents.

A beautiful set of waltzes (10 pages) that
only need to be played once to become a favor-
ite. We will send one copy and our catalogue
to you free for 10 cts.

DEZ. WALWORTH,

P. O. Box 496.

Baltimore, Md.

BETTER THAN EVER.

Address the Maryland Farmer, Baltimore, Md., and you can make the most favorable arrangements for any of the following articles. We will give them as premiums for subscribers, or will give liberal time and terms for cash.

One Estey Organ	List price	\$200	New
One Paris Organ	"	"	150
One Alleger Organ	"	"	250

A variety of Musical Instruments such as:

Violins,
Guitars,
Banjos,
Strings,
Music Boxes,
Flutes,
Roller Organs,
Mandolines,
Accordeons,

Brass Band Instruments, etc., etc., etc.

One New National Sewing Machine, List price \$45. New Home Co.
One American " " " " \$45. " "

A full SCHOLARSHIP of \$60 in the Eaton & Burnett Business College.

Jewelry,
Photographs,
Home Adornments,
Fine Mantels,
Rich Engravings,
Hotel Accommodations in Philadelphia and on the Sea Shore.

About 5 tons of first class Fertilizers.

Washing Machines,
Clothes Wringers,
Corn Planters,
Bee Smokers,
Daisy Cultivators,
Daisy Seed Drills,
Nursery Stock, Daisy Garden Plow, etc., etc.

We Place the List Prices on Organs and Sewing Machines, but we can supply them even below the best discounts of manufacturers' agents—away down.

NO HUMBUG!

NO HUMBUG!

NOAH WALKER & CO.

The Old and Long-tried House of 60 Years' Standing, offer an Immense Stock of

CLOTHING | Men's Youths | **CLOTHING**
and Children's

AT PRICES THAT MUST MAKE SALES.

We never were undersold. All classes suited. All tastes gratified. Prices adapted to all pockets. All should call before parting with their money elsewhere.

NOAH WALKER & CO.

119 AND 121 EAST BALTIMORE STREET.

ESTABLISHED 1811.

A. E. WARNER,
MANUFACTURER OF

Silverware and Rich Jewelry,

English, Swiss and American Watches of the Best Makers.

IMPORTER AND DEALER IN

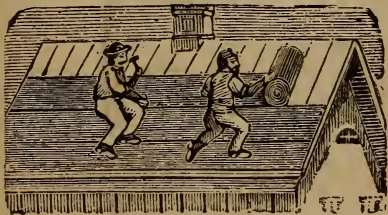
DIAMONDS, FINE WATCHES, SILVER-PLATED WARE, TABLE CUTLERY, &c. WEDDING PRESENTS.

Premiums for Agricultural Fairs, Fine Bronzes, Opera Glasses, Shell Jewelry, &c.

All of which is offered at Greatly Reduced Prices.

No. 131 E. BALTIMORE STREET, near Calvert.

Two-Ply Roofing,



CREOSOTE OIL
BEST PREVENTIVE

AGAINST ROT

OF POSTS OR TIMBER
IN THE SOIL OR
EXPOSED TO DAMP

Three-Ply Roofing,

CHEAP AND EASY TO APPLY.

FELT, PITCH, TAR, &c.,

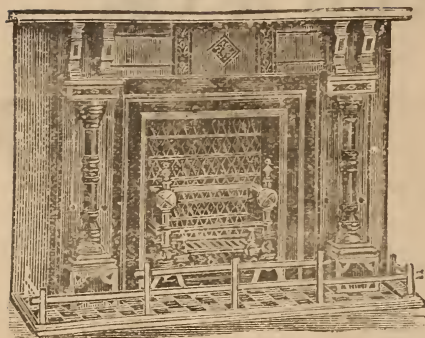
Carbolic Acid and Carbolate of Lime, the Best Disinfectants in Use.

BLACK GLOSS VARNISH, the Best and Cheapest Paint for Preserving Wood or Metal.

Send for Prices and Information.

BALTIMORE COAL TAR AND MFG. CO., 16 W. Camden Street,
C. HART SMITH, PRES'T. BALTIMORE, MD.

RIDDLE & WILLIAMS,



—DEALERS IN—
Hard Wood & Slate Mantels,

**Art Tiles for Mantle Facings
Hearths, &c.,**

**Plain and Inlaid Tiles for Floors, &c.,
Grates, Brass Goods and Fire-Place
Appurtenances.**

Catalogues furnished on application.

Telephone 1482. [Please Mention this paper.]

124 N. HOWARD ST., Baltimore, Md.

**FIRE KING
GAS STOVES.**

**FIRE PLACE
HEATERS.**



**STABLE FIXTURES
and COLUMNS.**

**COOKING
STOVES and RANGES.**

FOUNDRY: Alice Anna and Washington sts.